

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-37 are pending in this application. Claims 1, 19, and 37, which are independent, are hereby amended. It is submitted that these claims, as originally presented, were in full compliance with the requirements 35 U.S.C. §112. No new matter has been introduced by this amendment. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which the Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §102(e)

Claims 1-37 were rejected under 35 U.S.C. §102(b) as allegedly anticipated by U.S. Patent No. 5,936,367 to Takenaka, et al.

Claim 9, as amended, recites, *inter alia*:

“...wherein the sensor information includes information on the angles of joints, posture information, information on a ZMP trajectory, and information on contact of a foot with a floor surface...” (Emphasis Added)

As understood by Applicants U.S. Patent No. 5,936,367 to Takenaka, et al. (hereinafter, merely “Takenaka”) relates to a gait generation system that has two or three models approximating a deviation of displacement and velocity of the body and the ZMP indicative of the floor reaction force acting on the robot. Two gaits for the robot walking step are generated.

If there is a discontinuity of the body position or velocity or the ZMP in the gait boundary, the models are manipulated to cancel the discontinuity. The output is calculated from input, and based on the output and input, the gaits are corrected. The models stop every two steps to avoid calculation errors..

Applicants submit that nothing has been found in Takenaka that would teach or suggest the above-identified features of claim 1.

Specifically, Applicants respectfully submit that Takenaka fails to recite that sensor information includes information on the angles of joints, posture information, information on a ZMP trajectory, and information on contact of a foot with a floor surface, as recited in claim 1.

For reasons similar to those described above, independent claims 19 and 37 are also believed to be patentable.

III. DEPENDENT CLAIMS

The other claims in this application are dependent from one of the amended independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

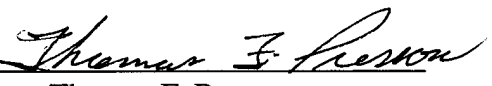
CONCLUSION

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, it is respectfully requested that the Examiner specifically indicate the portion, or portions, of the reference providing the basis for a contrary view.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By 
Thomas F. Presson
Reg. No. 41,442
(212) 588-0800